

REMARKS

Reconsideration and withdrawal of the rejections to the claims set forth in the Office Action of June 10, 2005 are respectfully requested in view of the following remarks.

Status of the claims

Claims 1-10 are pending.

Claims 4, 5, 9 and 10 stand rejected under 35 U.S.C. § 112.

Claims 1-4 and 6-9 stand rejected under 35 U.S.C. § 102.

Claims 5 and 10 stand rejected under 35 U.S.C. § 103.

Claim 3-4 and 8-9 have been canceled without prejudice.

Claims 1-2 and 6-7 have been amended.

None of the amendments to the claims introduces new matter.

New claims 11-13 are presented for examination.

Drawing Objections

The Examiner has objected to Fig. 2 as failing to comply with 37 C.F.R. § 1.84(p)(4). Applicant has provided a replacement sheet for Fig. 2, showing element 6 being corrected to element 4c. Reconsideration and withdrawal of this objection are respectfully requested.

Claim Rejections – 35 U.S.C. § 112

The Examiner has rejected claims 4, 5, 9 and 10 under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which Applicant regards as the invention.

Applicant has canceled claims 4 and 9 rendering the rejection of these claims moot. Claims 5 and 10 are dependent on what are now believed to be allowable claims 1 and 6, respectively. Accordingly, the rejection under 35 U.S.C. § 112 should be withdrawn.

Claim Rejections – 35 U.S.C. § 102

The Examiner has rejected claims 1-4 and 6-9 under 35 U.S.C. § 102 as being anticipated by U.S. Patent No. 4,977,708 to Kloft (“the Kloft reference”). Reconsideration and withdrawal are respectfully requested based on the following remarks.

Amended claim 1 of the instant application is directed to a power transmission device including two transmission wheels, a winding-type power transmission member, and a cam-type adjusting mechanism. The cam-type adjusting mechanism includes a supporting shaft, a manipulating boss member, a cam, a follower member, and a biasing member. Claim 1 contains the limitation, “a cam rotatably secured via the manipulating boss member to said supporting shaft, the cam being supported by the manipulating boss member in a manner to enable said cam to be rotated integral with said manipulating boss member, the cam comprising an involute cam groove; a follower member configured to be moveable in a direction orthogonal to said rotational axis by said cam, the follower member being adapted to be moved toward a direction perpendicular to the rotational axis via the involute cam groove.” (emphasis added)

Thus, among other things, the instant claimed invention requires a cam with an involute cam groove and a follower member adapted to move perpendicular to the rotational axis by the involute cam groove.

The Kloft reference is also directed to a power transmission device. However, the Kloft reference does not disclose or suggest, either alone or in combination with other references of record, “a cam rotatably secured via the manipulating boss member to said supporting shaft, the cam being supported by the manipulating boss member in a manner to enable said cam to be rotated integral with said manipulating boss member, the cam comprising an involute cam groove; a follower member configured to be moveable in a direction orthogonal to said

rotational axis by said cam, the follower member being adapted to be moved toward a direction perpendicular to the rotational axis via the involute cam groove,” as recited in claim 1 of the instant application in combination with the other elements recited therein. In view of the complete absence of this claim limitation in the Kloft reference, and thus the fact that the Kloft reference does not disclose each and every element of either claim 1, either expressly or inherently, there can be no anticipation of the claimed invention by the Kloft reference. Accordingly, the rejection under 35 U.S.C. § 102(b) should be withdrawn and claim 1 should be allowed.

Independent amended claim 6 is similarly patentable over the Kloft reference.

Claims 3-4 and 8-9 of the instant application have been canceled without prejudice, rendering the rejection of these claims moot.

Claim Rejections – 35 U.S.C. § 103

The Examiner has rejected claims 5 and 10 under 35 U.S.C. § 103 as being unpatentable over the Kloft reference in view of U.S. Patent No. 5,177,871 to Martenson (“the Martenson reference”). Reconsideration and withdrawal are respectfully requested based on the following remarks.

The Martenson reference has been cited only for the teaching of a marker for determining whether distances between axes is appropriate. (Office Action, pg. 5). It does not disclose or suggest any of the aforementioned features of parent claims 1 and 6 missing from the Kloft reference, and has not been so cited. Thus, claims 5 and 10, which are dependent upon claims 1 and 6, respectively, are not rendered obvious by the combination of the Kloft reference with the Martenson reference.

New Claims 11-12

Applicant has presented new claims 11-13 for examination.

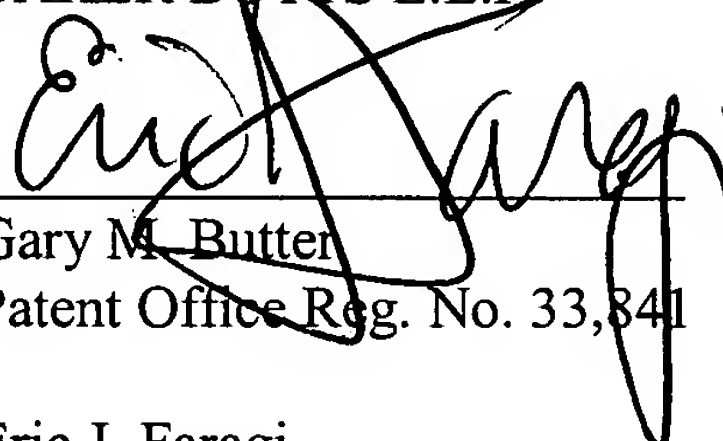
Conclusion

In view of the foregoing, the application is now believed to be in condition for formal allowance. Prompt and favorable action is respectfully requested. Applicant does not believe that any additional fee is required in connection with the submission of this document. However, should any additional fee be required, or if any overpayment has been made, the Commissioner is hereby authorized to charge any fees, or credit or any overpayments made, to Deposit Account 02-4377.

Respectfully submitted,

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AMENDMENTS TO THE DRAWINGS

The attached sheet of drawings includes changes to Fig. 2. This sheet, which includes Fig. 2, replaces the original sheet including Fig. 2. In Figure 2, element 6 has been corrected to element 4c.

Attachment: Replacement Sheet

Annotated Sheet Showing Changes

FIG2

